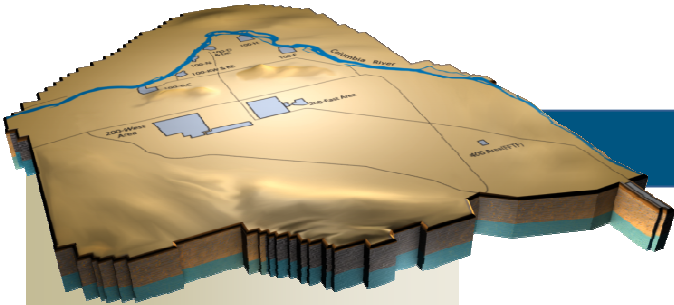


# Section F

## Nuclear Facility D&D, River Corridor (RL-0041)



### Monthly Performance Report

**David Del Vecchio**  
Vice President for  
100K Area Project



**Demolition Completed  
on the Central  
Mobile Office Complex  
at 100K**



March 2009  
DOE/RL-2008-69, Rev. 5  
Contract DE-AC06-08RL14788  
Deliverable C 3.1.3.1 - 1

## PROJECT SUMMARY

The 100K Project completed demolition of mobile offices (MO) MO101, MO102, MO214, MO907, and MO928, and continued demolition of MO401 and MO402. Cold and Dark preparations continued in 1706KE, 1706KEL, 1706KER with utility trace and isolation and asbestos removal set up.

## TARGET ZERO PERFORMANCE

	CM Quantity	FYTD Quantity	Comment
Days Away, Restricted or Transferred	0	0	N/A
Recordable Injuries	0	0	N/A
First Aid Cases	0	0	N/A
Near-Misses	0	0	N/A

## KEY ACCOMPLISHMENTS

### 41.02 RC PRC River Zone Environmental

- Completed demolition of mobile offices MO101, MO102, MO214, MO907, and MO928.
- Deactivation of 1706KE / 1706KEL / 1706KER are in progress.
  - Cold and dark preparations continue in the facilities
  - Work package planning in progress
  - Temporary lighting installation in progress
- Continued demolition of MO401 and MO402, and debris load-out and site stabilization of the former office area complex. Shipped 123 Basin Disposal Inc., (BDI) debris containers.
- Received front end loader and metal shear end effector, completing capital purchase.

## MAJOR ISSUES

None identified.

## KEY RISKS AND CHALLENGES

Risks	Impact	Mitigation
None identified.		

## PROJECT BASELINE PERFORMANCE (\$M) Current Month

Current Month (CM)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (FY 2009)
<b>RL-0041</b> Nuclear Facility D&D – River Corridor	0.9	0.6	0.6	(0.3)	-33.5	0.0	-5.8	7.0

Numbers are rounded to the nearest \$0.1M.

### CM Schedule Performance (-\$0.3M/-33.5%)

The current month unfavorable schedule variance represents earning less performance in the period for the office complex demolition due to achieving an ahead of schedule status in the prior period (on schedule contract to date). Delays in cold and dark preparations at the 1706 KE / KER / KEL structures that are attached to the reactor building are contributing to the month's performance. Poor maintenance (historically) of facility/utility modification drawings are slowing the progress of isolation and work package development. A shortage of electrician resources is contributing to the delays. The hiring of additional electricians has been initiated.

### CM Cost Performance (\$0.0M/-5.8%)

Deactivation and demolition crews are performing above average efficiency, benefitting from the "mobilize once" approach at the K East Basin removal project. This efficiency is being slightly offset by delays in 1706 activities and the additional effort being applied to overcome the challenges presented by the discovery of unknown or poorly documented conditions.

## FISCAL YEAR-TO-DATE

Fiscal Year-to-Date (FYTD)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance (\$)	Schedule Variance (%)	Cost Variance (\$)	Cost Variance (%)	Budget at Completion (FY 2009)
<b>RL-0041</b> Nuclear Facility D&D – River Corridor	2.0	2.0	1.7	0.1	2.7	0.4	18.0	7.0

Numbers are rounded to the nearest \$0.1M.

### FYTD Schedule Performance (+\$0.1M/+2.7%)

The FYTD favorable schedule variance represents completion of small structure deactivation and demolitions ahead of plan and good progress in preparation of the Focused Feasibility Study and Proposed Plan (FF/PP). These performance efficiencies offset delays being experienced in preparation of the 1706 KEL structure for demolition.

### FYTD Cost Performance (+\$0.4M/+18.0%)

Deactivation and demolition crews are performing above average efficiency, benefitting from the “mobilize once” approach at the K East Basin removal project. In addition, the personnel working on the FF/PP are achieving efficiencies in the preparation and review of draft comments with RL.

**Contract Performance Report Formats are provided in Appendix A.**

## FY 2009 FUNDS vs. SPEND FORECAST (\$M)

	FY 2009		
	Projected Funding	Spending Forecast	Variance
<b>RL-0041</b> Nuclear Facility D&D – River Corridor	7.0	7.0	0.0

### Funds Analysis:

No change was made in March.

### Critical Path Schedule

Critical Path Analysis is limited as the contract cycle schedule is under development awaiting key deliverable inputs and funding considerations. Critical Path Analysis for sub-project activities that reach an endpoint within FY 2009 can be provided upon request.

### Estimate at Completion

For this report, the EAC and fiscal year Budget at Completion are considered equal.

### Baseline Change Requests

None.



## MILESTONE STATUS

Tri-Party Agreement (TPA) milestones represent significant events in project execution. DOE Enforceable Agreement milestones were established to provide high-level visibility to critical deliverables and specific status on the accomplishment of these key events. A revised PMB is currently being developed that will define CHPRC planning with respect to TPA milestones.

Number	Title	Type	Due Date	Actual Date	Forecast Date	Status/ Comment
<b>M-016-58</b>	Initiate soil remediation at K West Basins.	TPA	04/30/09			Renegotiated. Tentative Agreement (TA) signed 02/03/09 proposes deleting this milestone.
<b>P-016-150</b>	Submit a proposed plan to EPA and Ecology to amend existing 100K Area RODs for remediation of Hexavalent Chromium.	TPA	06/30/09			On schedule. Proposed by TA signed 02/03/09.
<b>M-016-52</b>	Initiate Response Actions for the Remaining Waste Sites for the 100K Area including Closure of the 1706KE Waste Treatment System.	TPA	07/31/09		07/31/09	On schedule
<b>M-016-57</b>	Initiate Soil Remediation at K East Basin. Initiate Full-Scale Remediation Action of the 105KE Fuel Storage Basin within one month of Completing M-034-32 (P-016-160).	TPA	10/31/09		08/31/09	On schedule



## SELF-PERFORMED WORK

The Section H. clause entitled, Self-Performed Work, is addressed in the Monthly Report Overview.

## GOVERNMENT FURNISHED SERVICES AND INFORMATION (GFS/I)

Contract Section	Project	GFS/I	Status
<b>PROPOSED (Reference letter CHPRC-0800249, dated 12/31/08)</b>			
J.12/C2.7.5	PBS-41 – K West Basin Demolition	RL provides for sufficient ERDF waste containers and removal on schedule to support demolition.	
J.12/C2.7.5	PBS-41 – K West Basin Demolition	RL review of all 100K Area SARP's and Authorization Basis changes needed to support basin demolition is provided within 30 days of submittal.	
J.12/C2.7.6	PBS-41 – Place K Reactors in Interim Safe Storage	RL provides for sufficient ERDF waste containers and removal on schedule to support demolition.	
J.12/C2.7.6	PBS-41 – Place K Reactors in Interim Safe Storage	RL review of all 100K Area SARP's and Authorization Basis changes needed to support basin demolition is provided within 30 days of submittal.	
J.12/C2.7.7	PBS-41 – 100K Area Structures & Waste Sites	RL provides for sufficient ERDF waste containers and removal on schedule to support demolition.	
J.12/C2.7.7	PBS-41 – 100K Area Structures & Waste Sites	RL review of all 100K Area SARP's and Authorization Basis changes needed to support basin demolition is provided within 30 days of submittal.	